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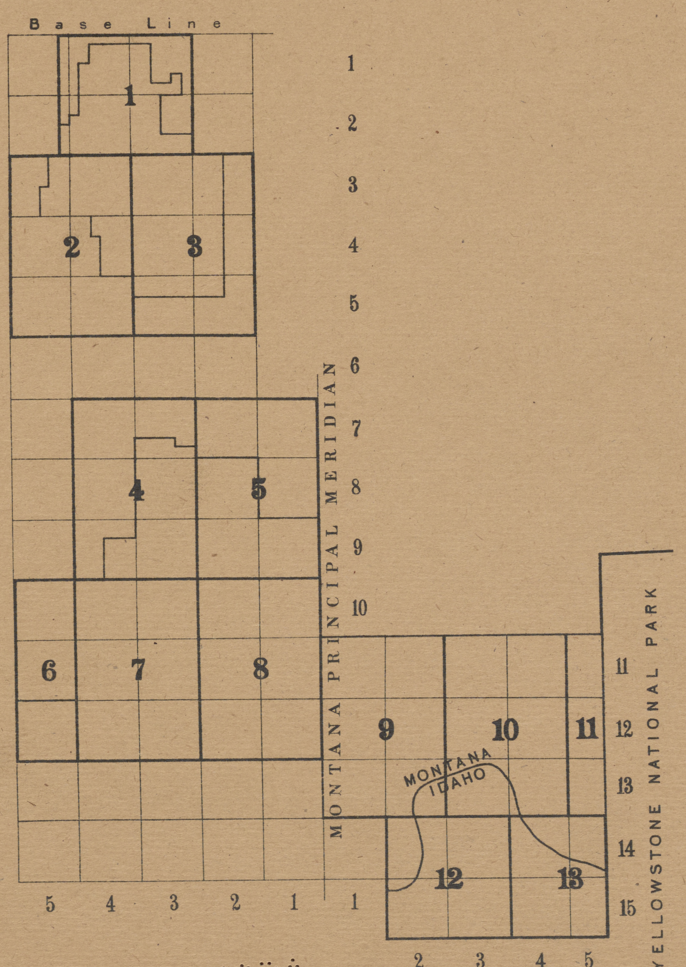
1
F765Fo
Madison
Reserve
Flat
Folio

U. S. Department of Agriculture
FOREST SERVICE
GIFFORD PINCHOT, FORESTER

FOREST ATLAS
OF THE
NATIONAL FORESTS OF THE UNITED STATES

MADISON

FOLIO


Base Line
1
2
3
4
5
6
7
8
9
10
11
12
13
MONTANA PRINCIPAL MERIDIAN
YELLOWSTONE NATIONAL PARK
MONTANA
IDAHO
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
5 4 3 2 1 1
2 3 4 5

OK
SP13
12-8-24

USDA
LIB

COMPILED AND PRINTED BY THE U. S. GEOLOGICAL SURVEY
GEORGE OTIS SMITH, DIRECTOR

FOREST ATLAS

GENERAL CLASSIFICATION

Commercial Timber

- 🟩 Less than 2,000 B.F. per acre
- 🟩 2,000 to 5,000 B.F. per acre
- 🟩 5,000 to 10,000 B.F. per acre
- 🟩 10,000 to 25,000 B.F. per acre
- 🟫 25,000 to 50,000 B.F. per acre

- 🟩 Woodland, cordwood, poles, etc.
- 🟫 Chaparral or brush
- 🟧 Sagebrush
- 🟨 Grassland, parks, etc.
- ⬜ Barren, above timberline, etc.
- ▨ Desert
- ▥ Burn, not restocking
- ▥ Burn, scattering trees
- ▥ Burn, forest cover established
- ▨ Windfall
- ▨ Bug-killed or diseased
- 🟫 Old cutting, less than ⅓ of the merchantable timber removed
- ▨ Old cutting, ⅓ to ⅔ of the merchantable timber removed
- ▨ Old cutting, ⅔ to all of the merchantable timber removed

- ▧ Timber sales, less than ⅓ of the merchantable timber removed
- ▩ Timber sales, ⅓ to ⅔ of the merchantable timber removed
- ▩ Timber sales, ⅔ to all of the merchantable timber removed

- 🟥 Cultivated
- ▤ Irrigated

TITLE

- ── Alienations
- ⁘ Permanent alienations
- Ⓐ State lands, approved
- ○ State lands, not approved
- **I** Indian allotments
- **L** Lieu selections
- **RP** Railway lands, patented
- **R** Railway lands, not patented
- **HP** Homesteads, patented
- **H** Homesteads, not patented
- **CE** Cash entry
- **T** Timber and stone
- **C** Coal entry
- **TE** Townsite entry
- 🟧 Mineral lode claims, patented
- **P** Mineral placer claims, patented
- **M** Mineral mill site, patented
- **MC** Mineral classification

GRAZING MAP LEGEND

- ⚑ Supervisor's headquarters
- ━ Supervisor's division
- ── Ranger's division
- ── Grazing districts
- ⬜ Open for all stock
- 🟫 Open for cattle and horses only.
- 🟨 Open for sheep and goats only
- 🟧 Closed for all stock
- ▨ Lambing grounds
- 🟫 Driveways for stock
- ⊸ Corral

CONVENTIONAL SIGNS

- — — — Block line
- - - - - - Compartment line, sales
- ·········· Boundary line for all other classifications
- —·—·— Grant line
- ┼─┼─┼ Telegraph line
- ┼─┼─┼ Telephone line
- ─○─○─ Power line
- ├──┤ Pipe line
- ═╪═╪═ Aqueduct
- ┼┼┼┼┼┼ Railroad
- ═══ Tramway
- ─×─×─ Wire rope conveyor
- ═══ Wagon road
- ======= Secondary or private road
- - - - - - - Pack trail
- -- -- -- -- Foot trail
- ═══ Fire line
- ─×─×─ Fence
- ══ Ditch
- →→→ Flume
- ►- - - -► Slide
- ∼→∼→ Log driving route
- >>>>>>>> Rollway
- ╪ Skidway
- ═╪═ Bridge
- ═●═ Ferry
- ═══ Ford
- ⁘ Sowing
- ▤ Nursery
- ⊸ Corral
- ⚑ Supervisor's headquarters
- ▲ Ranger's headquarters

- ▬ House
- ▬ Railroad station
- ▬ Stage station
- ▀ Power station
- ┳ Hotel
- ▟ Store
- ▙ School
- ✚ Church
- ⌑ Cemetery
- ■**TEL.** Telegraph office
- ■**TLP.** Telephone office
- ⌂ Cabin
- ⊠ Dairy
- ⌂ Logging camp
- ◠ Sawmill, portable
- ◓ Sawmill, stationary
- ⋎ Grist mill
- ⋎◓ Grist and sawmill
- ▲ Apiary
- ⚒ Mine location, unpatented
- **U.S.** Improvements made by the United States are marked U. S.

Proposed improvements are shown by the appropriate sign and are designated by "Proposed" on the margin of the maps

Abandoned improvements are shown by zeros O O O O and designated on the margin of the maps

ALPHA-NUMERIC SYMBOLS FOR WESTERN COMMERCIAL TREE SPECIES

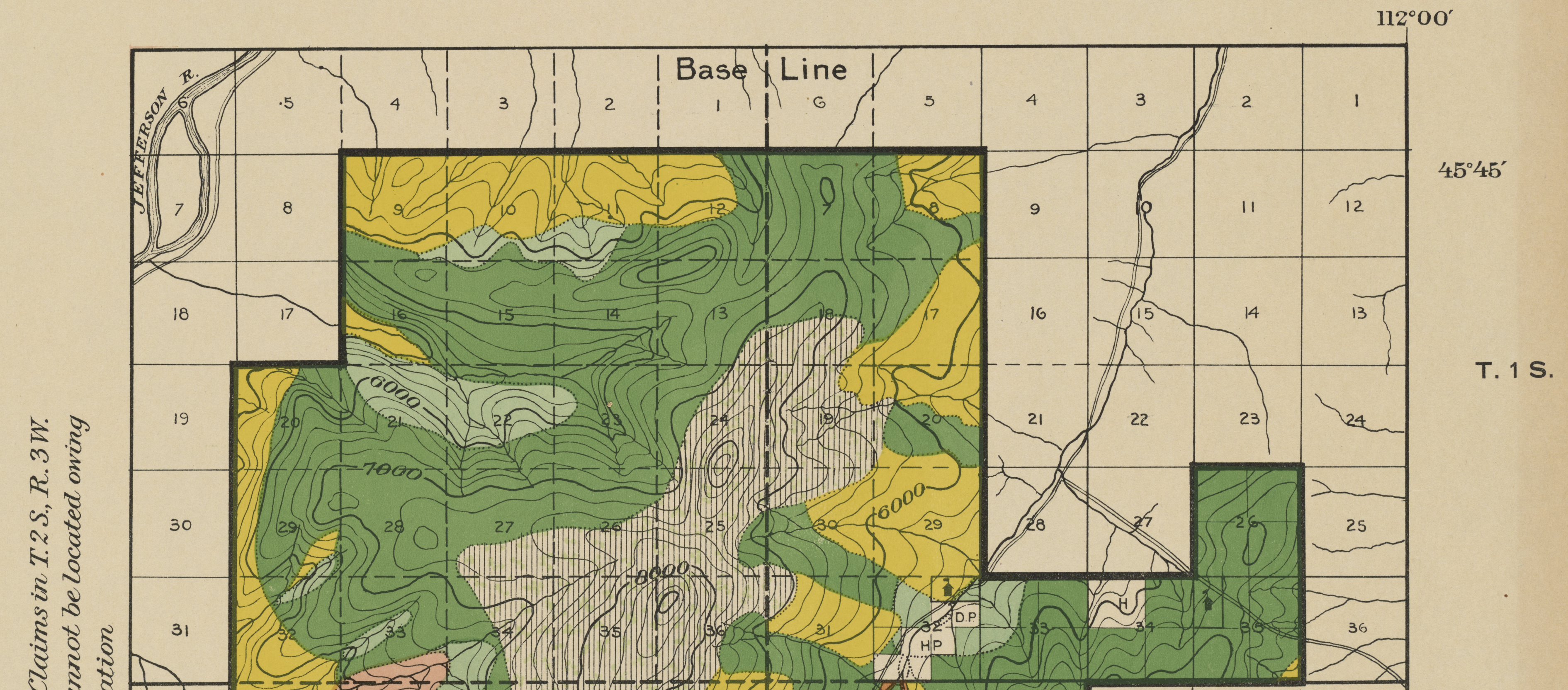
These will be used on maps, where limited space makes necessary, in the following manner:

D129 = Pseudotsuga taxifolia, average stand 29,000 B.M. per acre

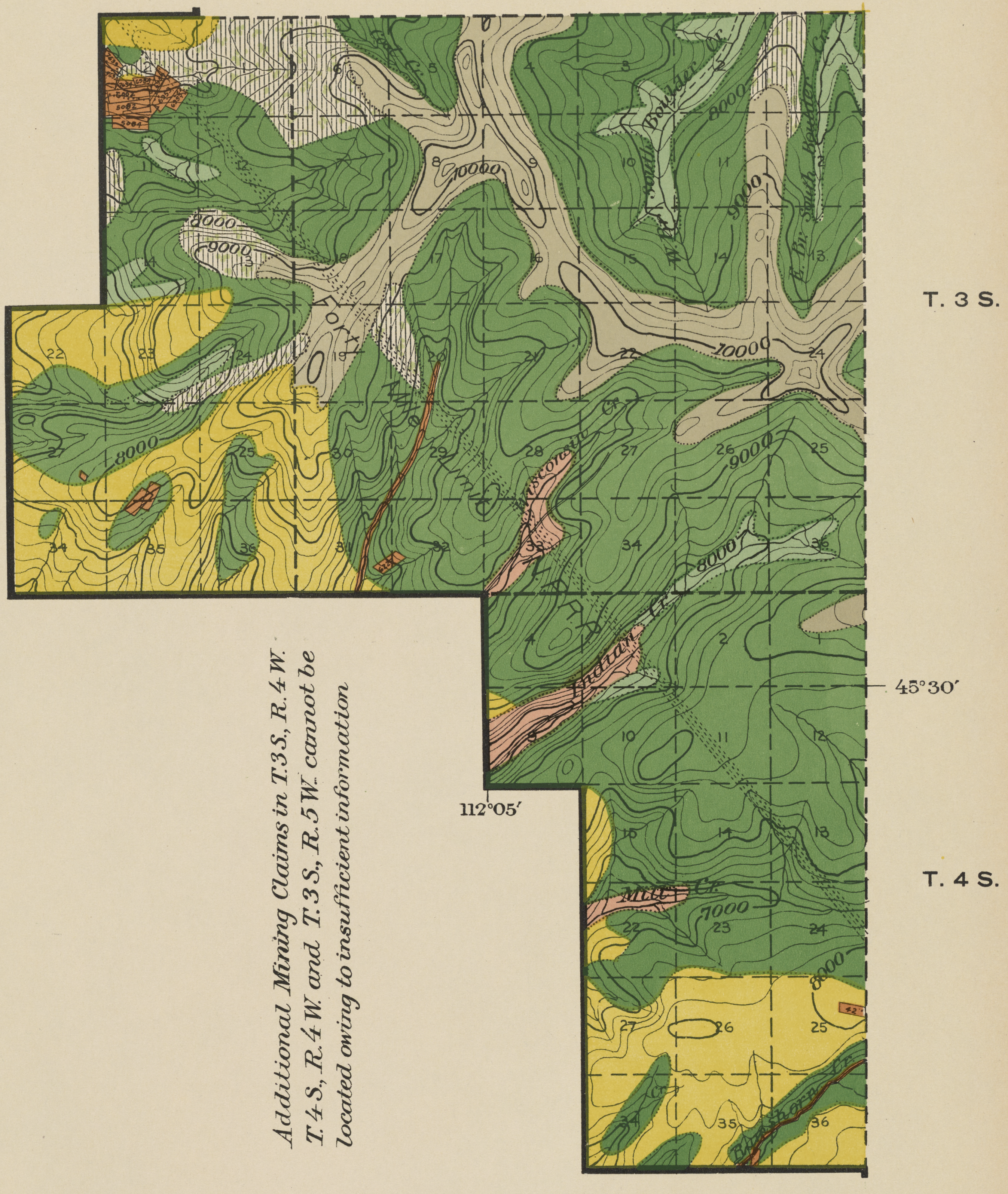
Q612 = Quercus agrifolia, average stand 12 cords per acre

T67 = Thuja plicata, average stand 7 tele-poles per acre

P0	Pinus murrayana	Lodgepole Pine
1	flexilis	Limber Pine
2	monticola	Western White Pine
3	lambertiana	Sugar Pine
4	ponderosa	Yellow Pine
5	coulteri	Coulter Pine
6	sabiniana	Gray Pine
7	jeffreyi	Jeffrey Pine
8	radiata	Monterey Pine
9	attenuata	Knobcone Pine
B2	strobiformis	Mexican White Pine
5	albicaulis	White-bark Pine
6	torreyana	Torrey Pine
7	edulis	Pinon
9	monophylla	Single-leaf Pinon
A1	Abies magnifica	Magnificent Fir
2	concolor	White Fir
3	shastensis	Shasta Fir
4	nobilis	Noble Fir
5	lasiocarpa	Alpine Fir
6	grandis	Lowland Fir
7	arizonica	Arizona Cork Fir
8	amabilis	Lovely Fir
9	venusta	Bristle-cone Fir
S2	Picea engelmanni	Engelmann Spruce
3	parryana	Blue Spruce
5	breweriana	Weeping Spruce
6	sitchensis	Sitka Spruce
D1	Pseudotsuga taxifolia	Douglas Fir (Red)
5	macrocarpa	Bigcone Spruce
H5	Tsuga mertensiana	Black Hemlock
6	heterophylla	Western Hemlock
R1	Sequoia sempervirens	Redwood
5	washingtoniana	Bigtree
C5	Chamæcyparis nootkatensis	Yellow Cedar
6	lawsoniana	Port Orford Cedar
T6	Thuja plicata	Red Cedar
L5	Larix lyallii	Alpine Larch
7	occidentalis	Western Larch
O5	Libocedrus decurrens	Incense Cedar
K5	Cupressus macnabiana	Macnab Cypress
6	macrocarpa	Monterey Cypress
7	arizonica	Arizona Cypress
8	goveniana	Gowen Cypress
J1	Juniperus utahensis	Utah Juniper
2	pachyphlœa	Alligator Juniper
4	occidentalis	Western Juniper
5	sabinoides	Mountain Juniper
7	californica	California Juniper
9	monosperma	One seed Juniper
Q0	Quercus chrysolepis	Canyon Live Oak
1	californica	California Black Oak
2	lobata	California White Oak
3	douglasii	Blue Oak
4	garryana	Pacific Post Oak
5	wislizeni	Highland Oak
6	agrifolia	California Live Oak
7	gambelii	Gambel Oak
8	densiflora	California Tanbark Oak
9	engelmanni	Engelmann Oak
M2	Acer macrophyllum.	Oregon Maple
5	glabrum	Dwarf Maple
9	negundo californicum	California Boxelder
W0	Populus trichocarpa	Black Cottonwood
2	fremontii	Fremont Cottonwood
5	tremuloides	Aspen
7	angustifolia	Narrowleaf Cottonwood.
F1	Fraxinus pennsylvanica	Red Ash
6	oregona	Oregon Ash
8	lanceolata	Green Ash
U1	Prunus demissa	Western Choke Cherry
Y7	Platanus wrightii	Arizona Sycamore
8	racemosa	California Sycamore
X0	Salix lasiandra	Western Black Willow
2	sessilifolia	Silverleaf Willow
9	amygdaloides.	Almondleaf Willow


112°00′
45°45′
Base Line
Jefferson R.
T. 1 S.
T. 2 S.
D.P
H.P
H
Mammoth
Jeannette
Pony
Pony Cr.
South Boulder Creek
Bell Creek
Coal Cr.
North Willow Cr.
6000
7000
8000
9000
SEPT. 1907
MADISON
R. 4 W.
R. 3 W.

Additional Mining Claims in T. 2 S, R. 3 W. and T. 2 S, R. 4 W. cannot be located owing to insufficient information

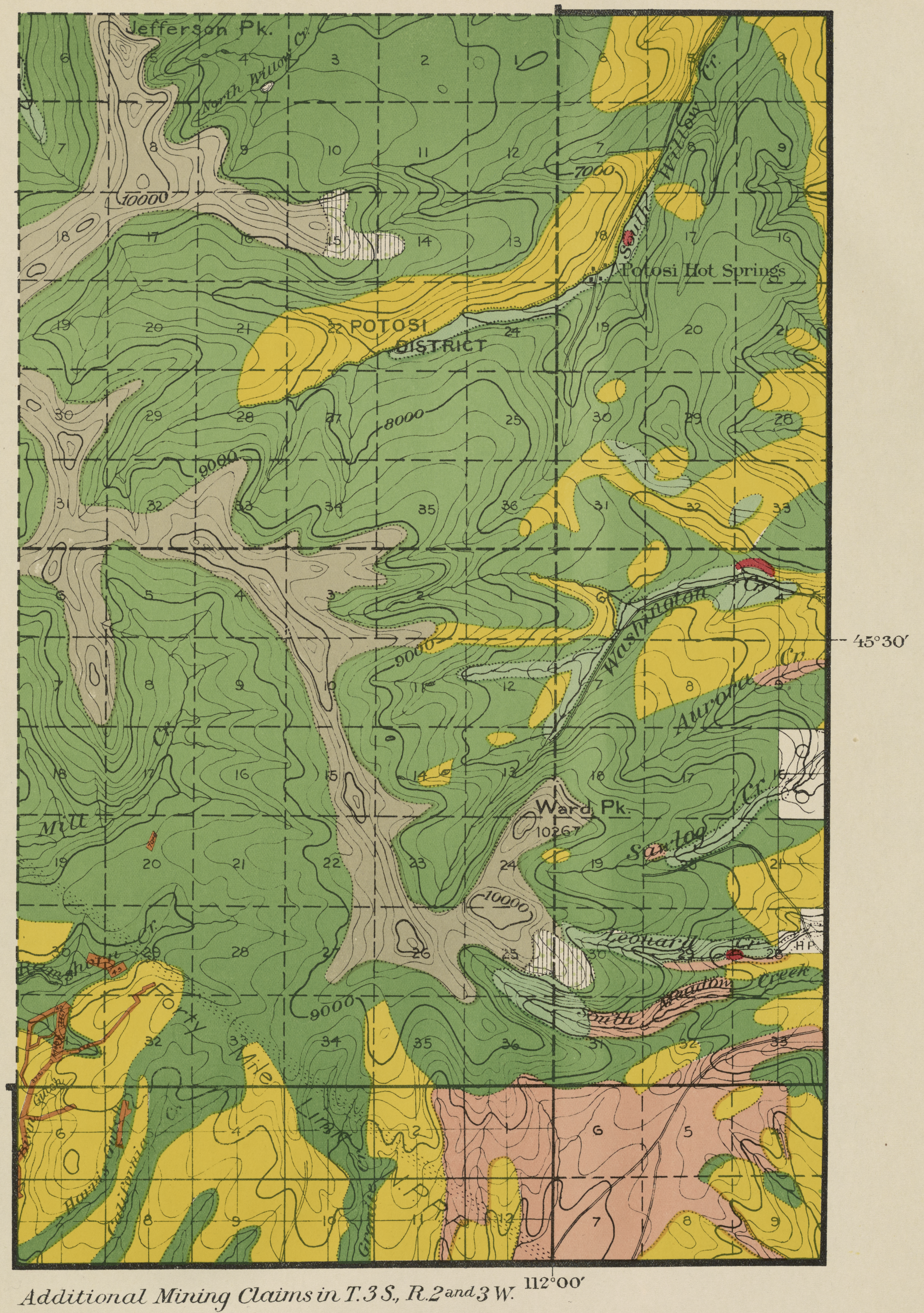

T. 3 S.
T. 4 S.
45°30′
112°05′
South Boulder Cr.
W. Fk. South Boulder Cr.
E. Fk. South Boulder Cr.
Wisconsin Cr.
Indian Cr.
Mill Cr.
10000
9000
8000
7000

Additional Mining Claims in T.3S., R.4W.
T.4S., R.4W. and T.3S., R.5W. cannot be
located owing to insufficient information

SEPT., 1907

MADISON

R. 5 W. **R. 4 W.**


Jefferson Pk.
North Willow Cr.
7000
10000
8000
9000
South Willow Cr.
Potosi Hot Springs
POTOSI DISTRICT
Washington Cr.
Aurora Cr.
Ward Pk.
10267
Mill Cr.
Leonard Cr.
South Meadow Creek
Forty Mile Cr.
45°30′
112°00′

Additional Mining Claims in T.3 S., R.2 and 3 W. and T.4 S., R.2 and 3 W. cannot be located owing to insufficient information.

T. 3 S.

T. 4 S.

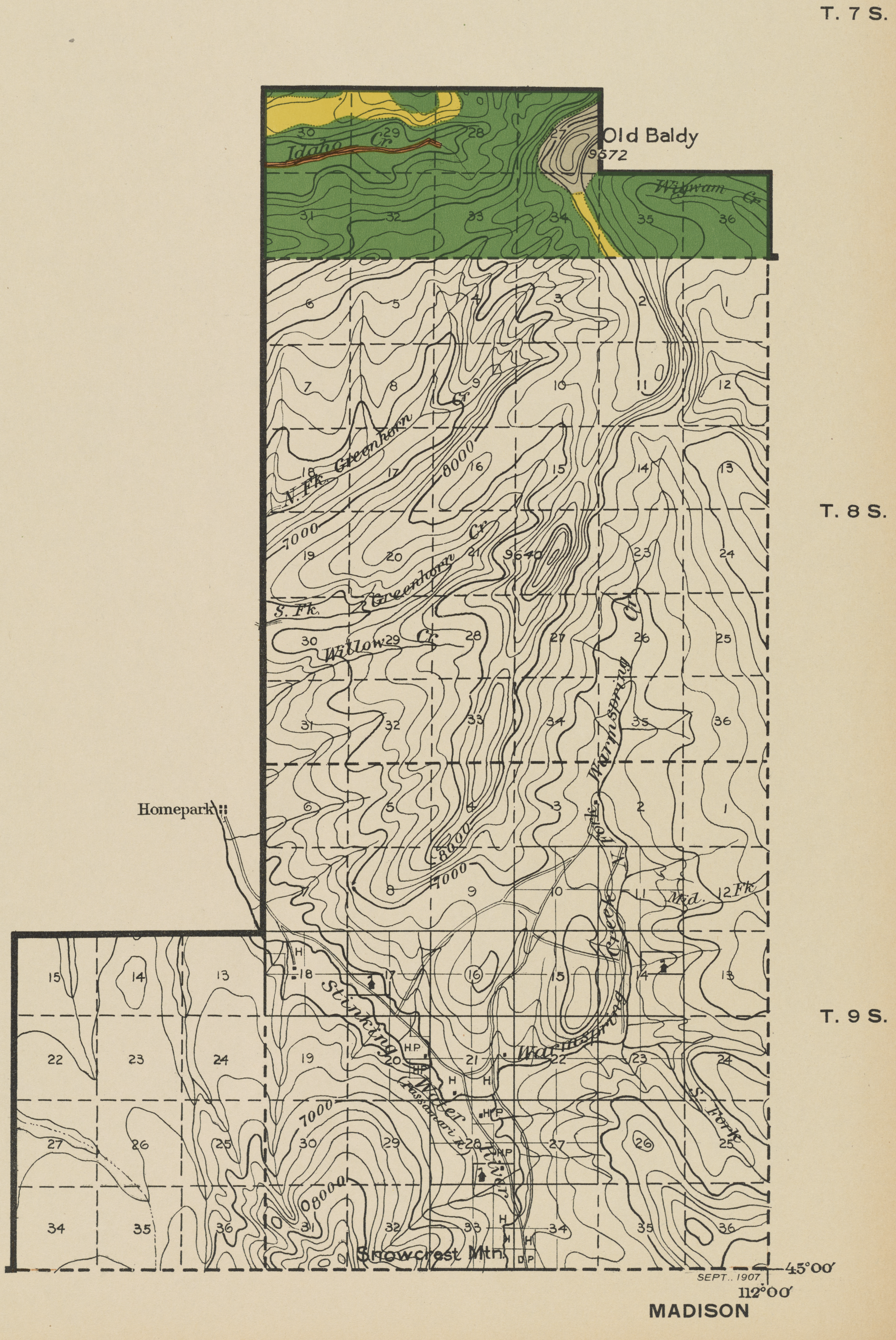
T. 5 S.

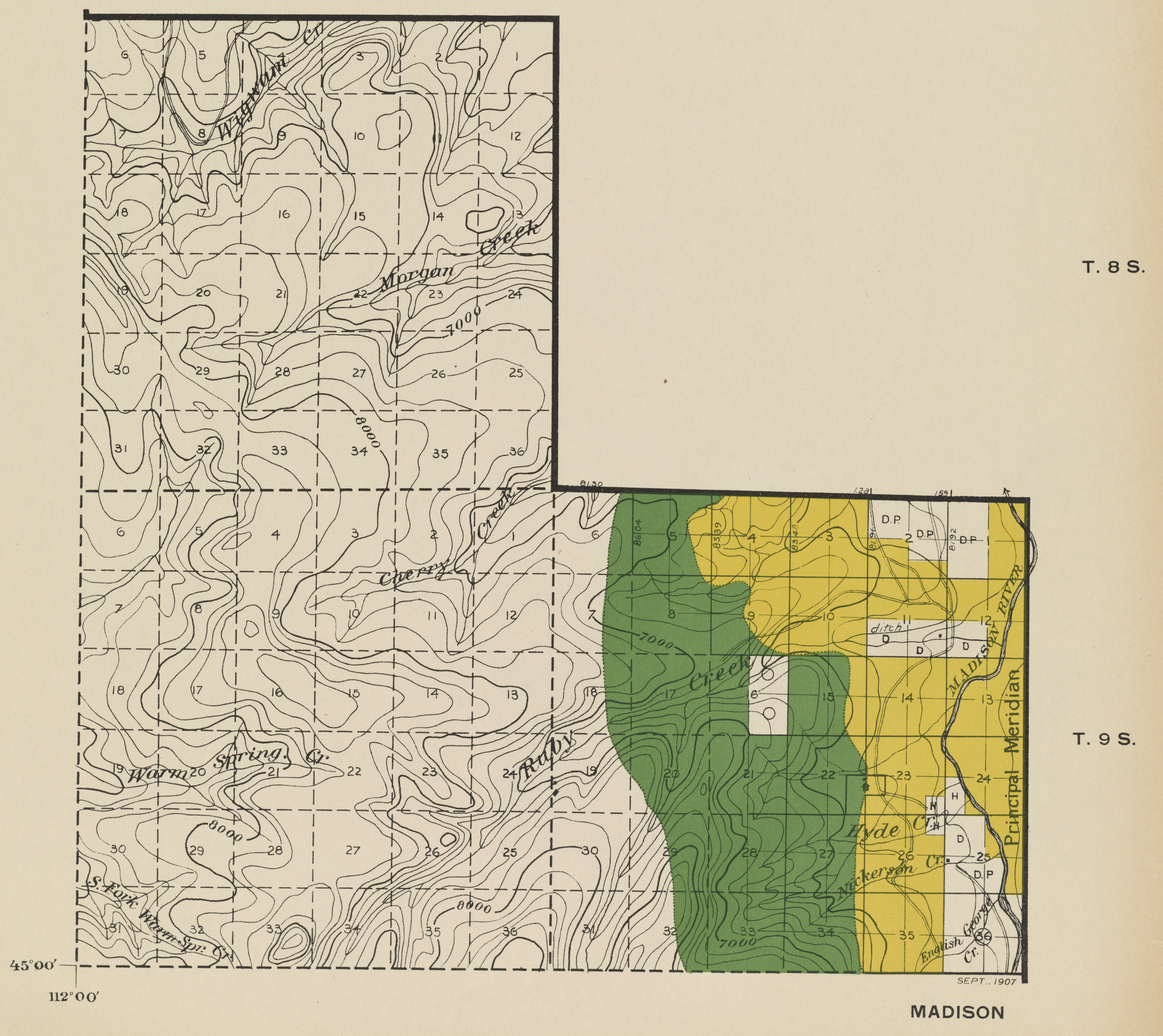
SEPT. 1907

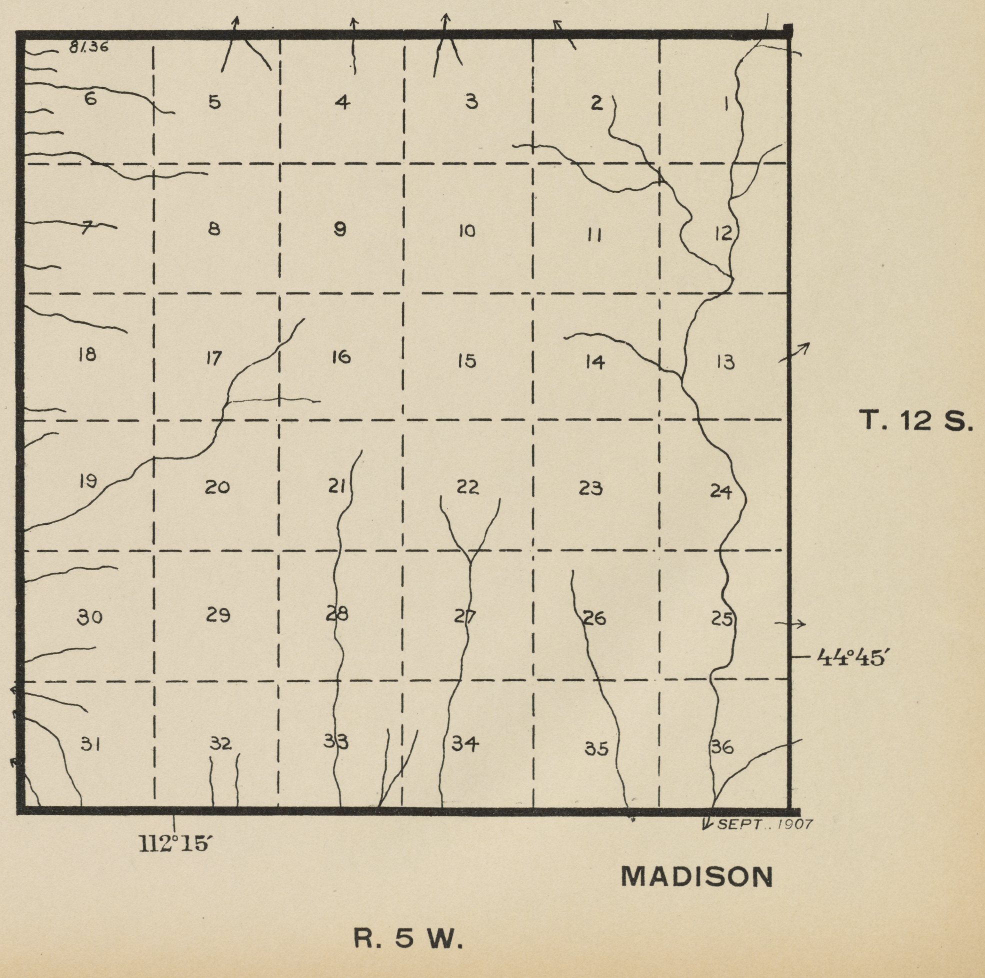
MADISON

R. 3 W.

R. 2 W.


T. 7 S.
T. 8 S.
T. 9 S.
Old Baldy
9372
Idaho Cr.
Wigwam Cr.
N. Fk. Greenhorn Cr.
S. Fk. Greenhorn Cr.
Willow Cr.
Warm Spring Cr.
N. Fork
Mid. Fk.
S. Fork
Warmspring Creek
Homepark
Stinking Water River
Snowcrest Mtn.
7000
8000
9640
SEPT., 1907
45°00′
112°00′
MADISON
R. 4 W.
R. 3 W.


Wigwam Cr.
Morgan Creek
Cherry Creek
Ruby Creek
Warm Spring Cr.
S. Fork Warm Spr. Cr.
Hyde Cr.
Nickerson Cr.
English George Cr.
MADISON RIVER
Principal Meridian
ditch
D.P.
D
H
7000
8000
8130
8604
8539
SEPT., 1907
T. 8 S.
T. 9 S.
45°00′
112°00′
MADISON
R. 2 W.
R. 1 W.


8136
6
5
4
3
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1
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12
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17
16
15
14
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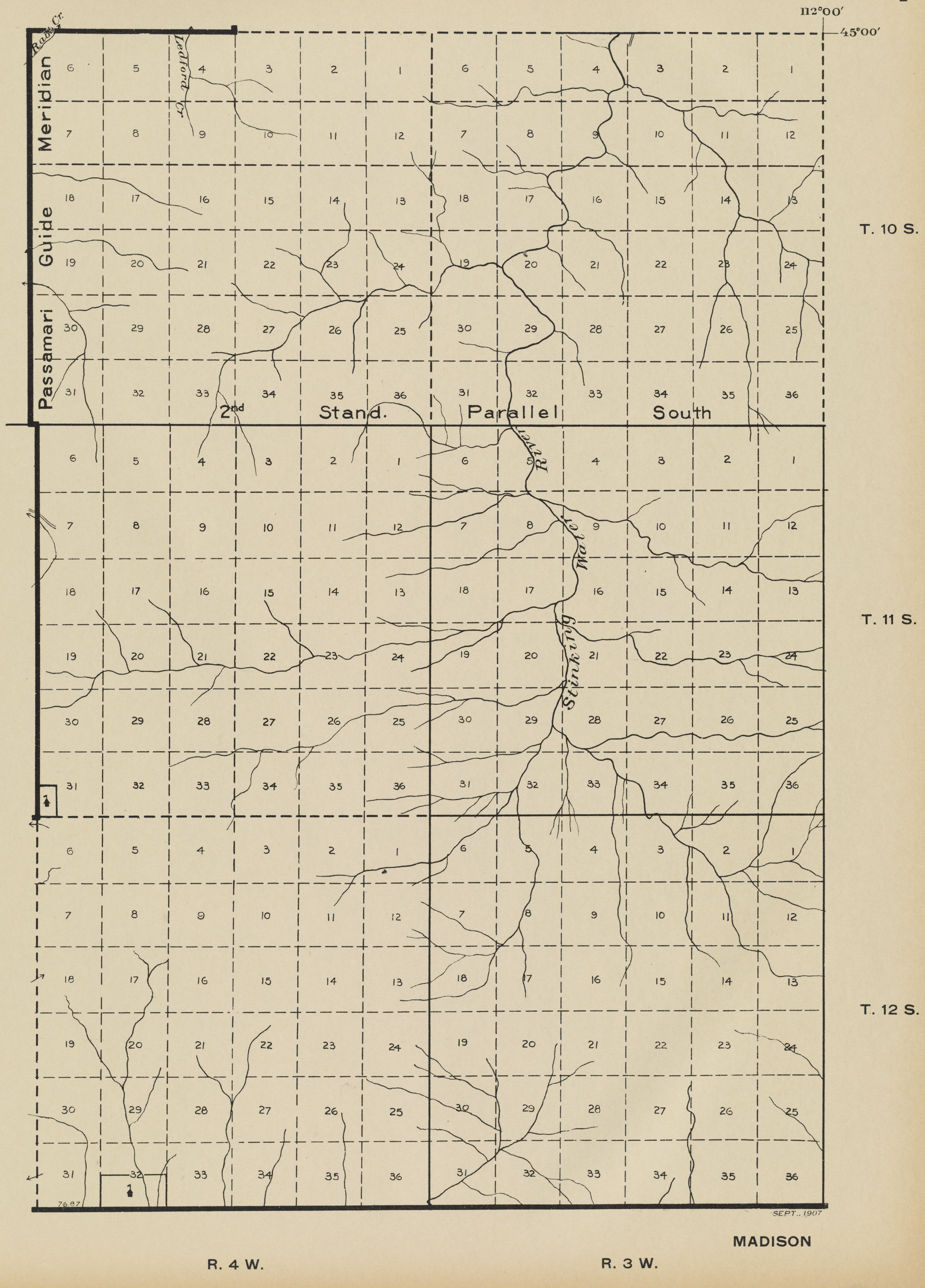
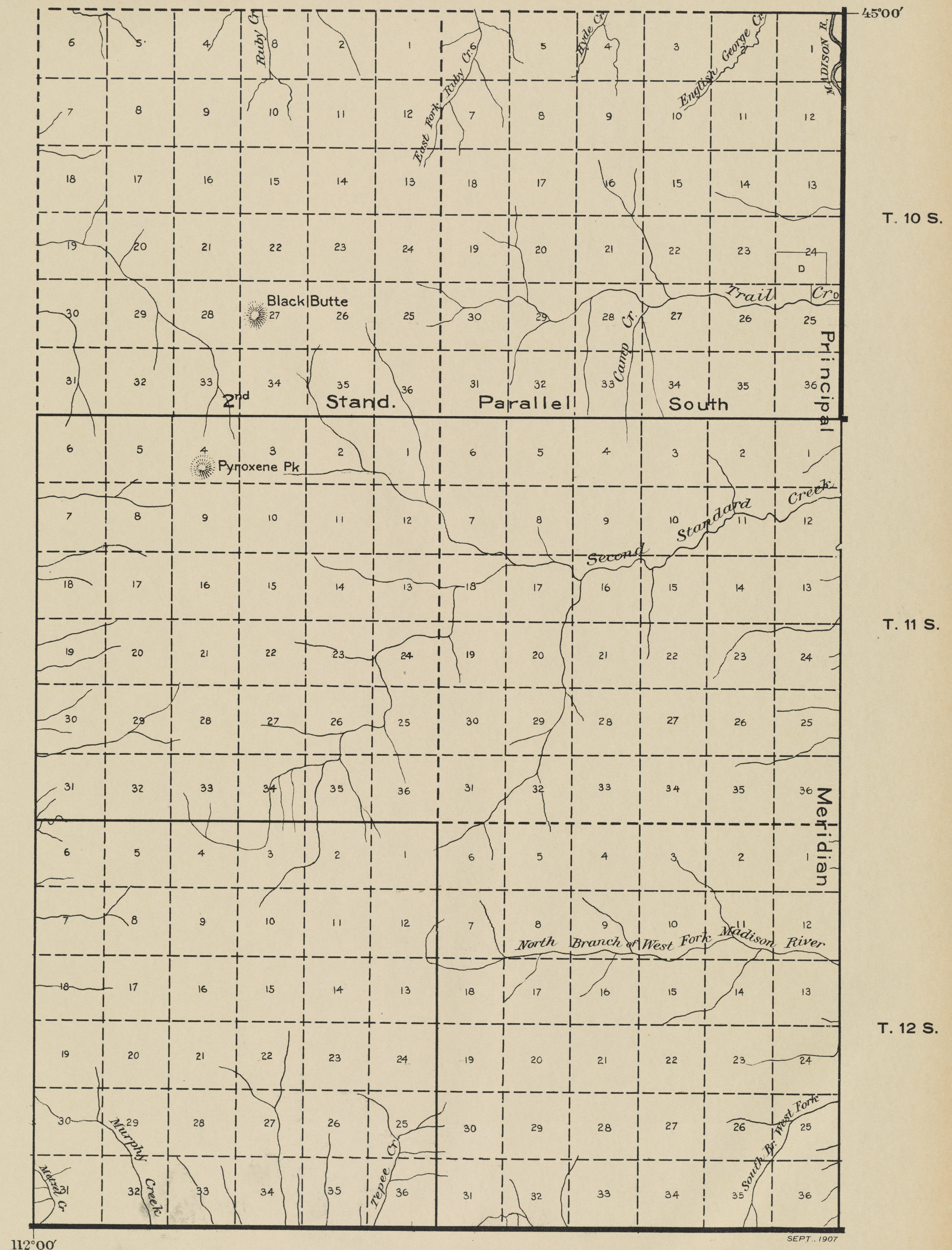
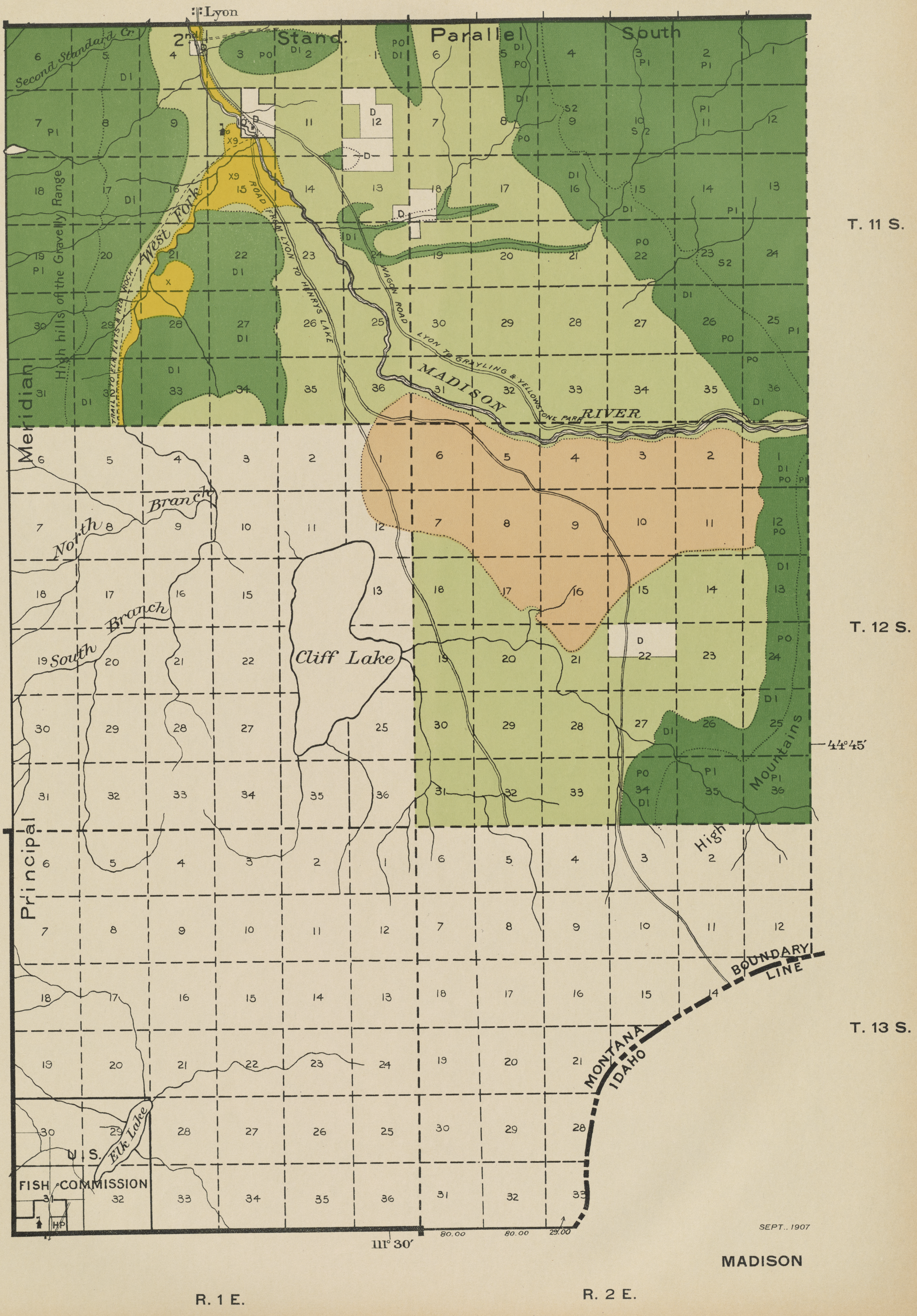
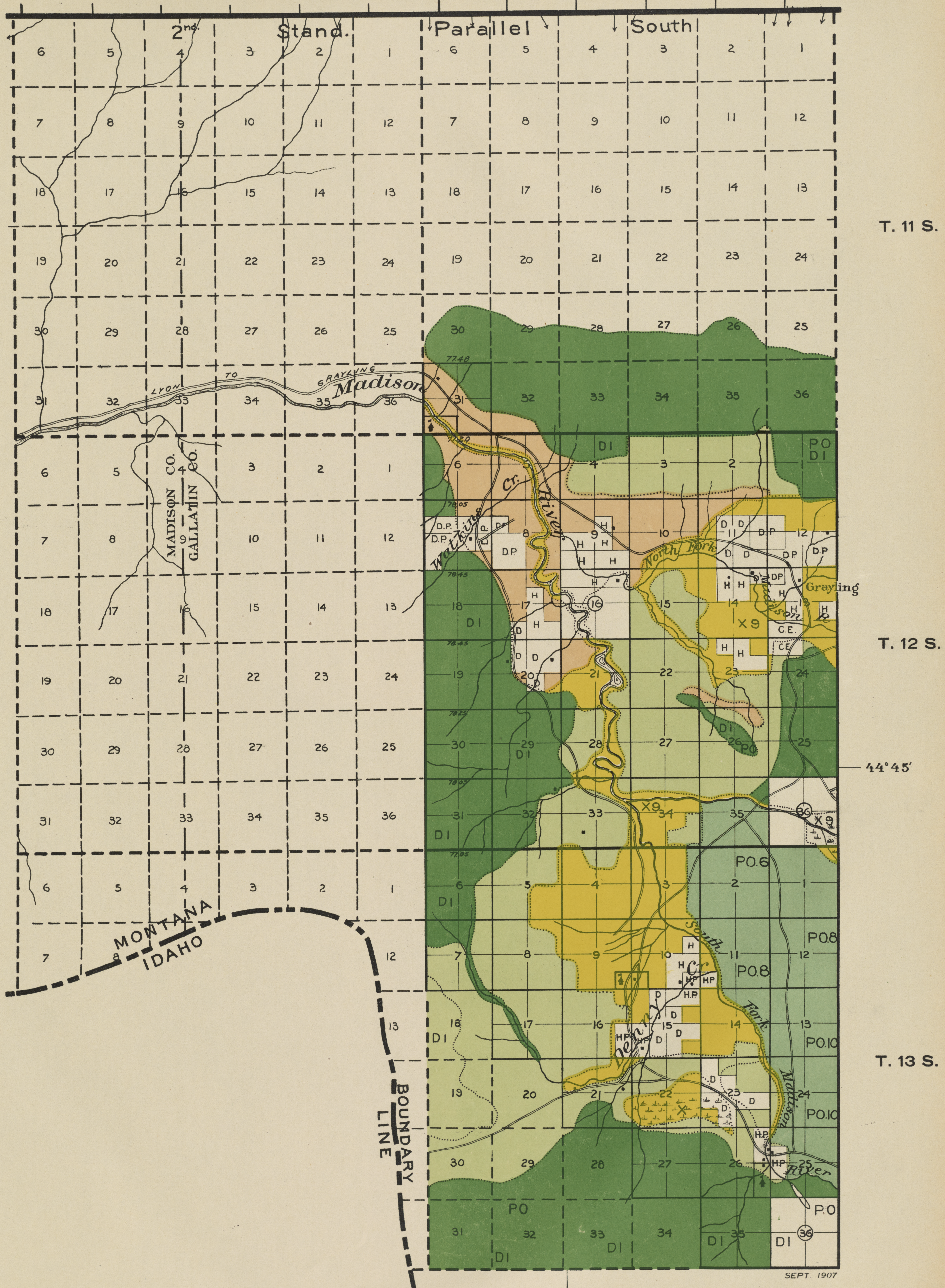
19
20
21
22
23
24
30
29
28
27
26
25
31
32
33
34
35
36
T. 12 S.
44°45′
112°15′
SEPT., 1907
MADISON
R. 5 W.

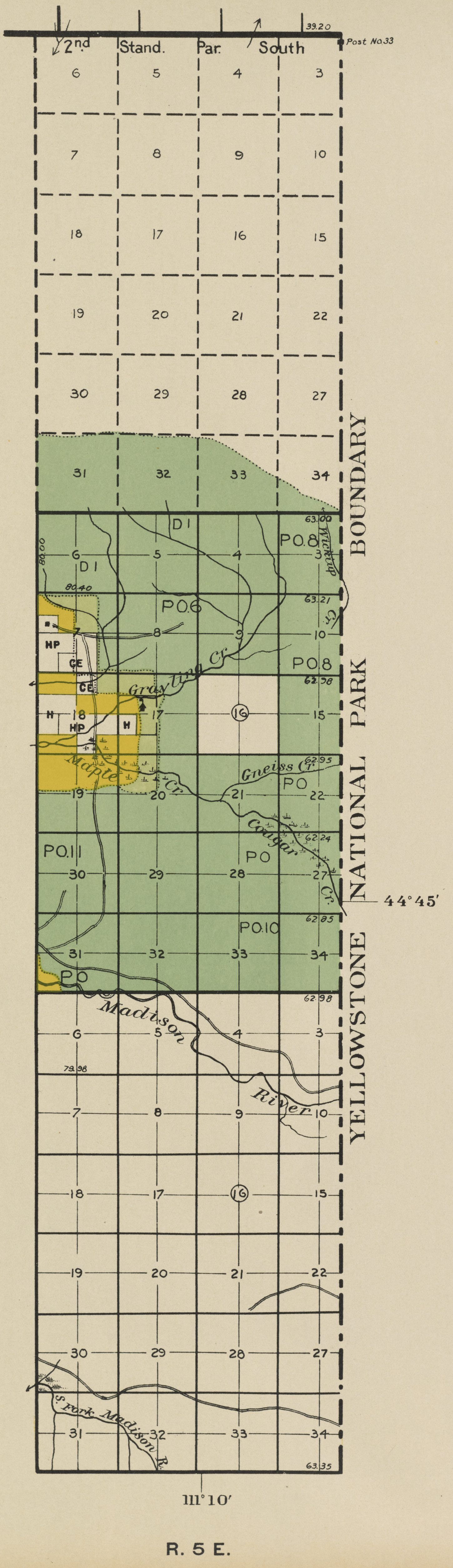

112°00′
45°00′
Rabb Cr.
Ledford Cr.
Passamari Guide Meridian
2nd Stand. Parallel South
Stinking Water River
T. 10 S.
T. 11 S.
T. 12 S.
7687
SEPT., 1907
MADISON
R. 4 W.
R. 3 W.


45°00′
Ruby Cr.
East Fork Ruby Cr.
Hyde Cr.
English George Cr.
Madison R.
T. 10 S.
Black Butte
Trail Cr.
Camp Cr.
D
2nd Stand. Parallel South
Principal Meridian
Pyroxene Pk
Second Standard Creek
T. 11 S.
North Branch of West Fork Madison River
T. 12 S.
Murphy Creek
Mazel Cr.
Tepee Cr.
South Br. West Fork
112°00′
SEPT., 1907
MADISON
R. 2 W.
R. 1 W.


Lyon
2nd Stand. Parallel South
Second Standard Cr.
West Fork
Road from Lyon to Henrys Lake
Wagon Road
Lyon to Grayling & Yellowstone Park
Madison River
Trail to Elk Flats & Red Rock
High hills of the Gravelly Range
Principal Meridian
North Branch
South Branch
Cliff Lake
Elk Lake
U.S. Fish Commission
High Mountains
Montana
Idaho
Boundary Line
T. 11 S.
T. 12 S.
T. 13 S.
44°45'
111° 30'
80.00
80.00
29.00
SEPT., 1907
MADISON
R. 1 E.
R. 2 E.

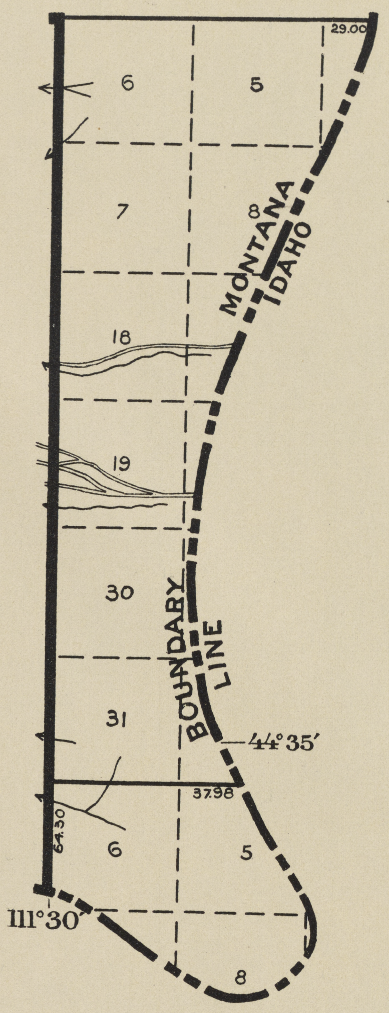

2nd Stand. Parallel South
Lyon to Grayling
Madison
Madison Co.
Gallatin Co.
Watkins Cr.
River
North Fork
Grayling
Madison R.
South Fork
Denny Cr.
Madison River
Montana
Idaho
Boundary Line
T. 11 S.
T. 12 S.
T. 13 S.
44°45′
111°15′
SEPT. 1907
R. 3 E.
R. 4 E.

MADISON


2nd Stand. Par. South
39.20
Post No.33
YELLOWSTONE NATIONAL PARK BOUNDARY
D1
P.O.8
P.O.6
P.O.8
P.O.
P.O.11
P.O.
P.O.10
P.O.
HP
CE
CE
H
HP
H
Grayling Cr.
Maple Cr.
Gneiss Cr.
Cougar Cr.
Madison River
S. Fork Madison R.
80.00
80.40
63.00
63.21
62.98
62.95
62.24
62.85
62.98
79.98
63.35
44°45'
111°10'
R. 5 E.
T. 11 S.
T. 12 S.
T. 13 S.

SEPT., 1907

MADISON

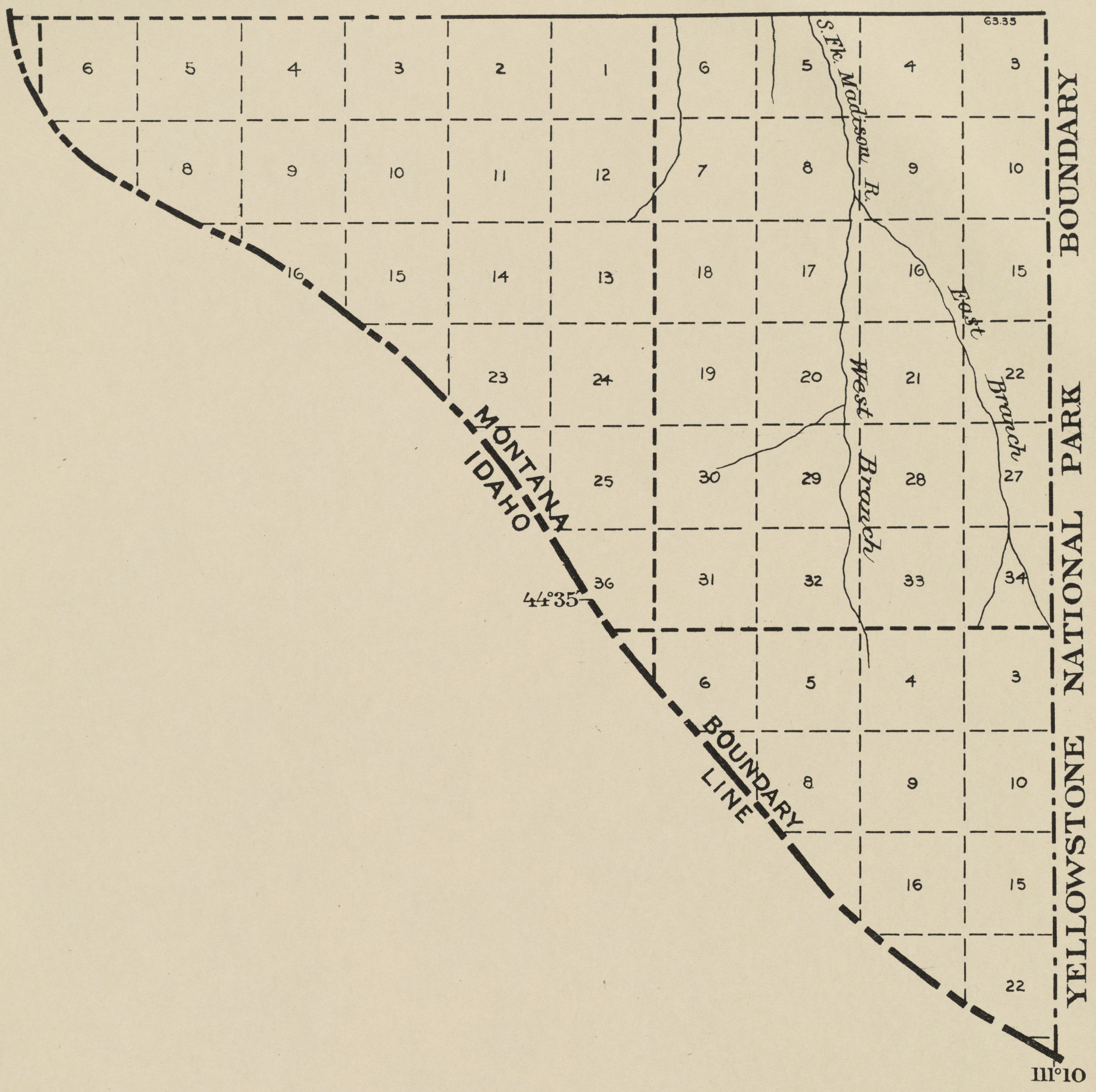

29.00
6
5
7
8
MONTANA
IDAHO
18
19
30
BOUNDARY LINE
31
44°35′
37.98
64.50
6
5
111°30′
8

T. 14 S.

SEPT., 1907

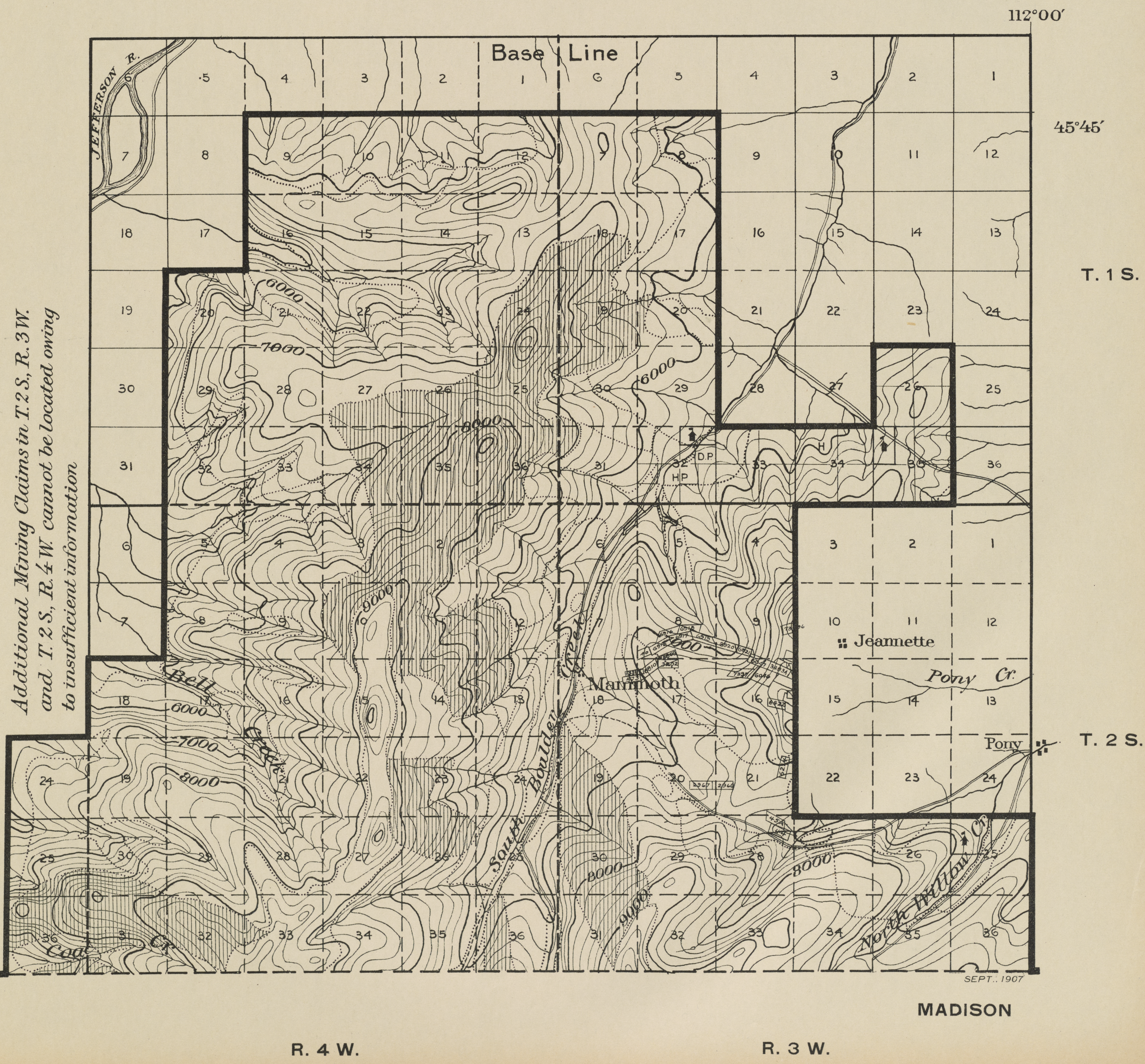
MADISON

R. 2 E.

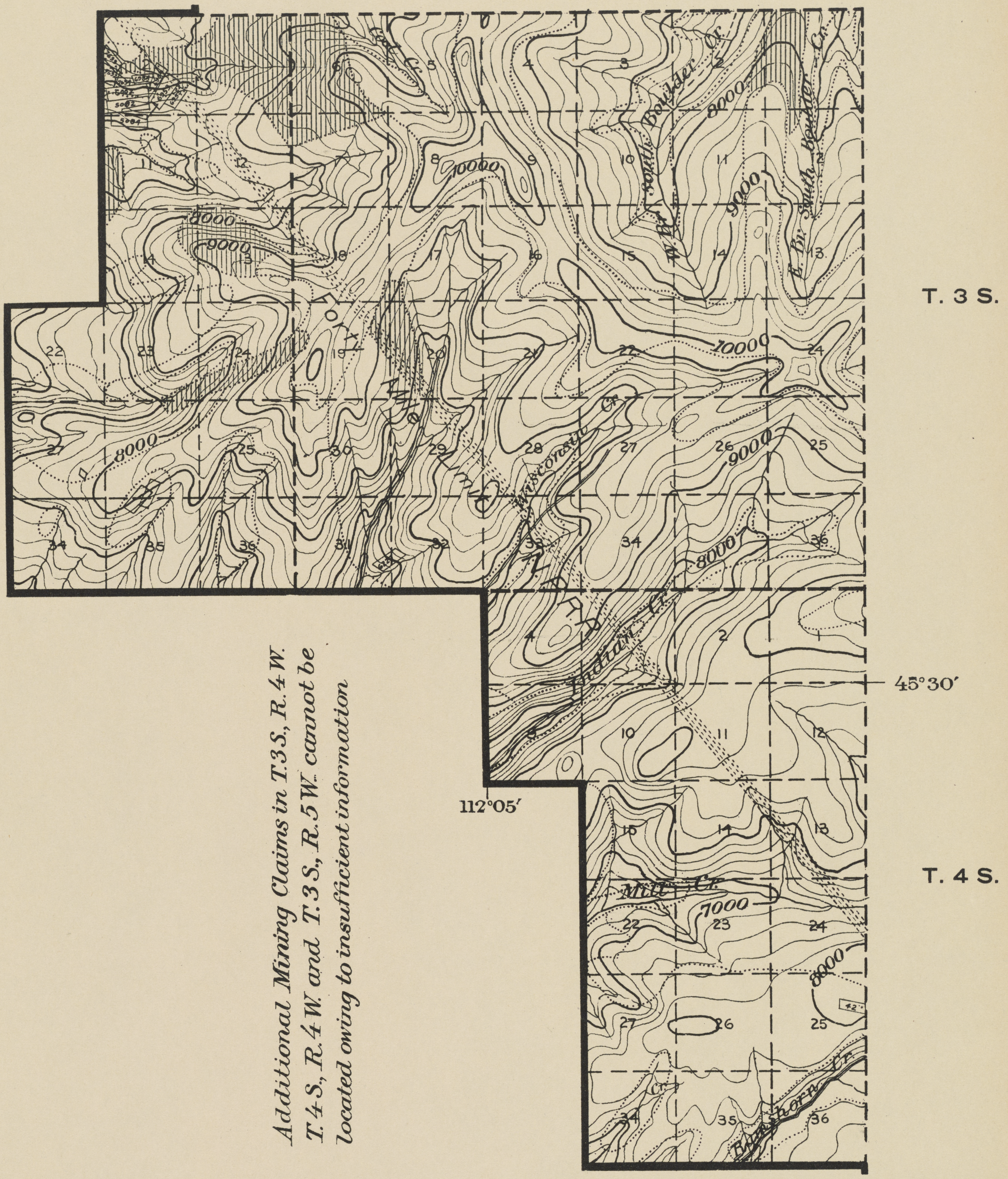

6 5 4 3 2 1
8 9 10 11 12
16 15 14 13
23 24
25
36
6 5 4 3
7 8 9 10
18 17 16 15
19 20 21 22
30 29 28 27
31 32 33 34
6 5 4 3
8 9 10
16 15
22
63.35
S. Fk. Madison R.
East Branch
West Branch
MONTANA
IDAHO
BOUNDARY LINE
44°35'
111°10
YELLOWSTONE NATIONAL PARK BOUNDARY
T. 14 S.
T. 15 S.
R. 4 E.
R. 5 E.

SEPT., 1907

MADISON


112°00′
45°45′
Base Line
JEFFERSON R.
6000
7000
8000
9000
D.P.
H.P.
Jeannette
Pony Cr.
Pony
Mammoth
South Boulder Creek
Bell Creek
Coal Cr.
North Willow Cr.
T. 1 S.
T. 2 S.
SEPT., 1907
MADISON
R. 4 W.
R. 3 W.

Additional Mining Claims in T. 2 S., R. 3 W. and T. 2 S., R. 4 W. cannot be located owing to insufficient information

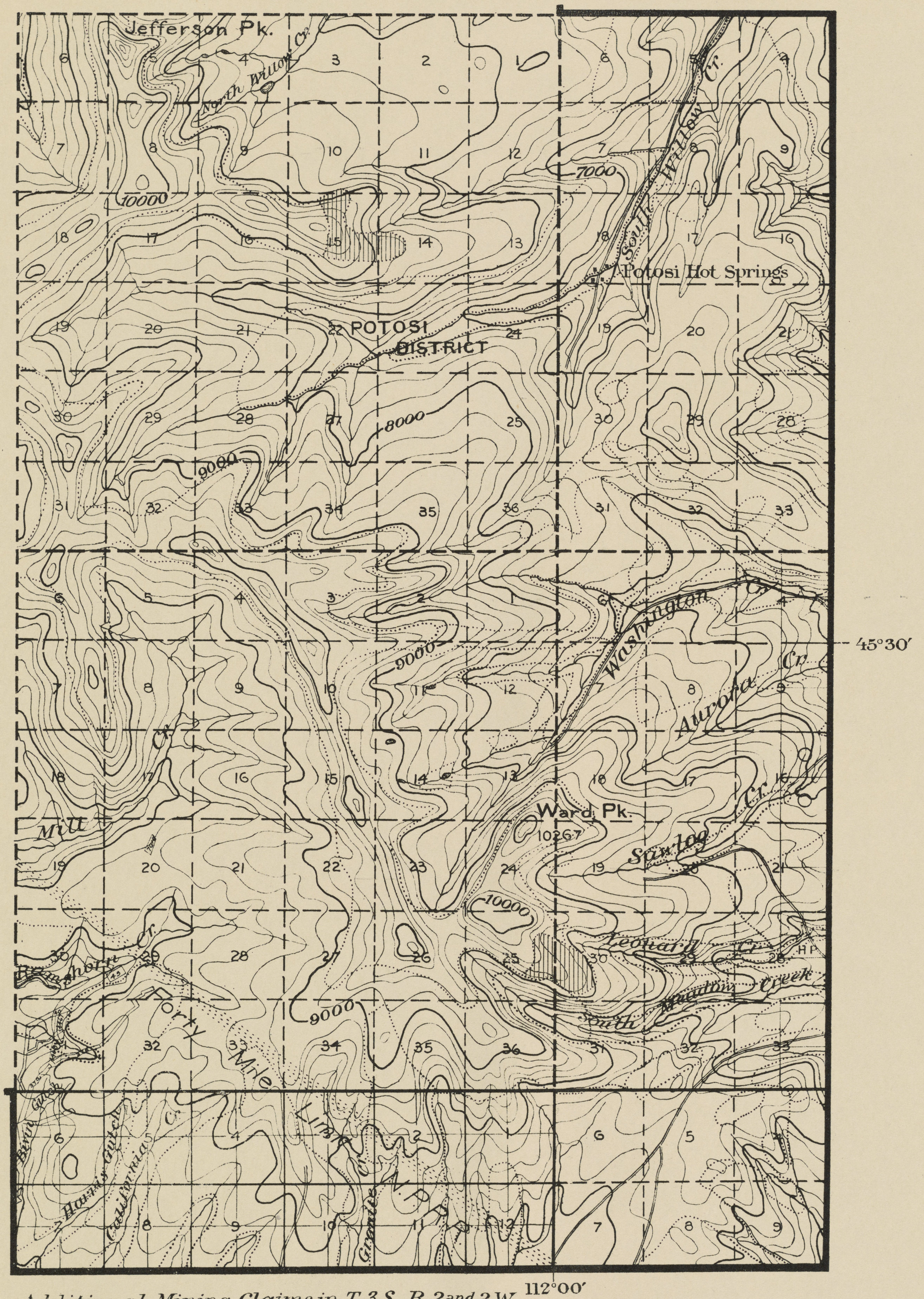

W. Br. South Boulder Cr.
E. Br. South Boulder Cr.
Wisconsin Cr.
Indian Cr.
Mill Cr.
10000
9000
8000
7000
T. 3 S.
T. 4 S.
45°30′
112°05′

*Additional Mining Claims in T.3 S., R.4 W.
T.4 S., R.4 W. and T.3 S., R.5 W. cannot be
located owing to insufficient information*

SEPT., 1907

MADISON

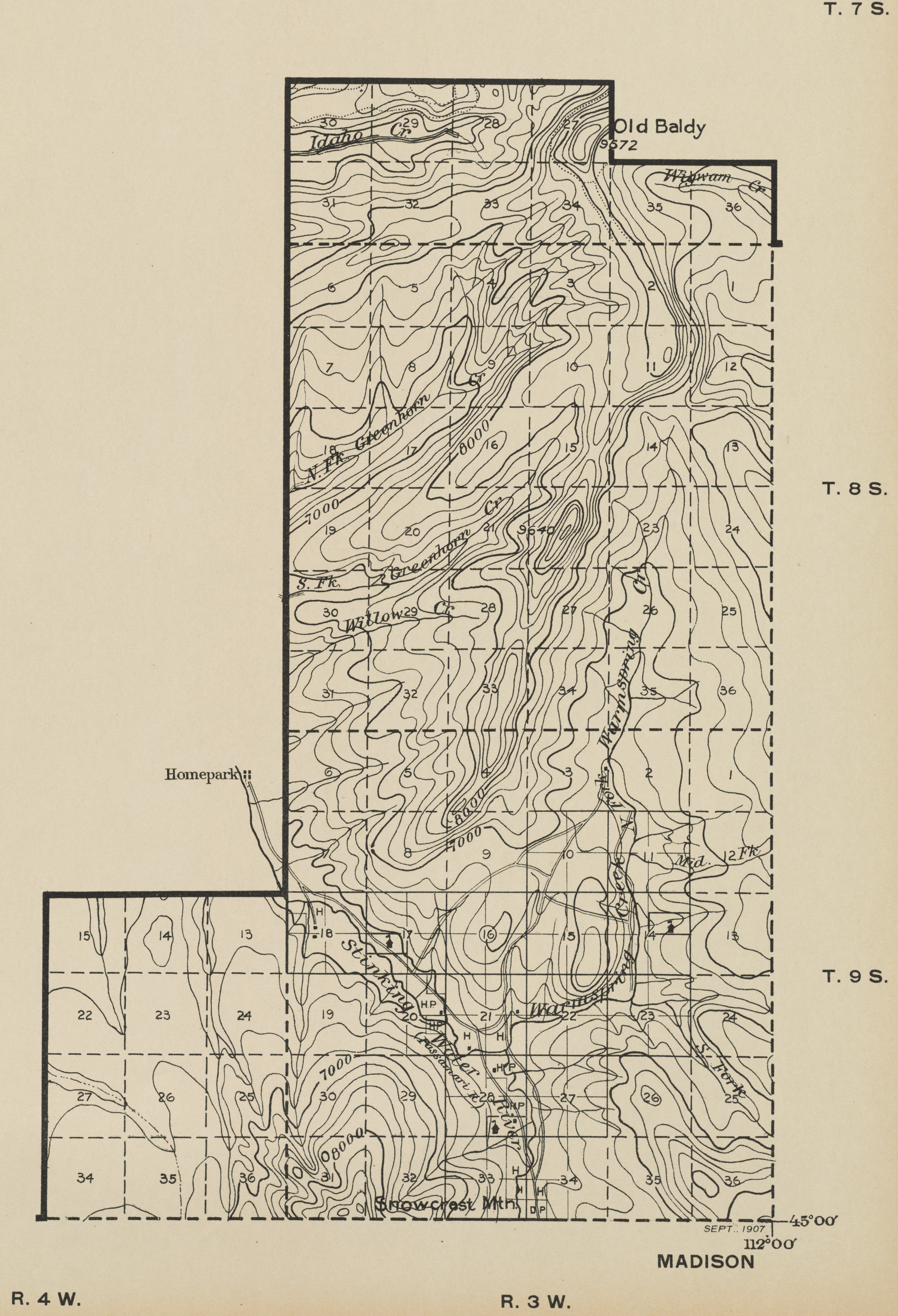
R. 5 W. **R. 4 W.**

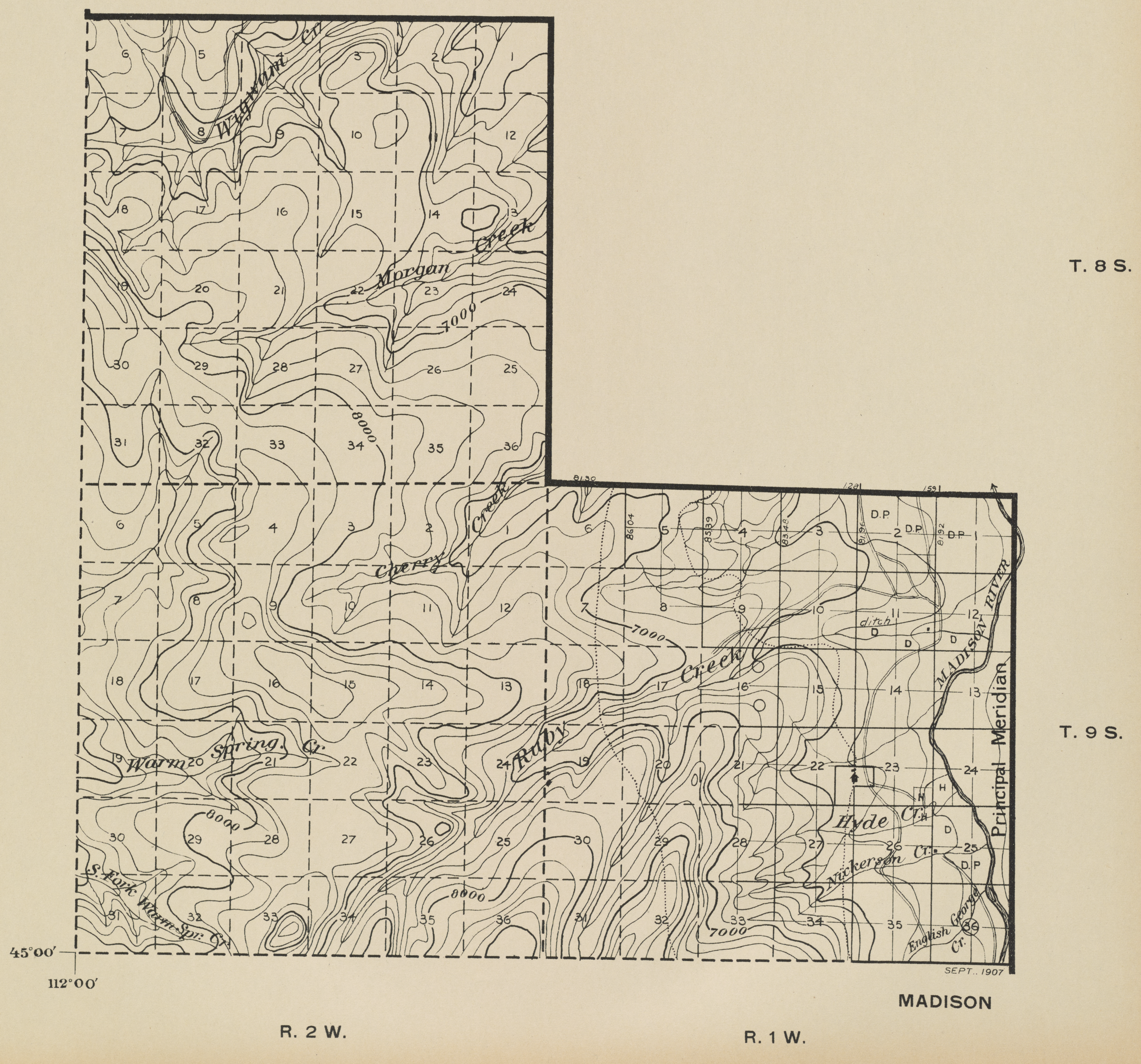

Jefferson Pk.
North Willow Cr.
South Willow Cr.
7000
10000
Potosi Hot Springs
POTOSI DISTRICT
8000
9000
Washington Cr.
45°30′
Aurora Cr.
Ward Pk.
10267
Sawlog Cr.
Mill Cr.
10000
Leonard Cr.
HP
South Meadow Creek
Ramshorn Cr.
Forty Mile
Lime Cr.
Granite
California Cr.
Hawk Gulch
Bivin Gulch
112°00′
T. 3 S.
T. 4 S.
T. 5 S.
R. 3 W.
R. 2 W.

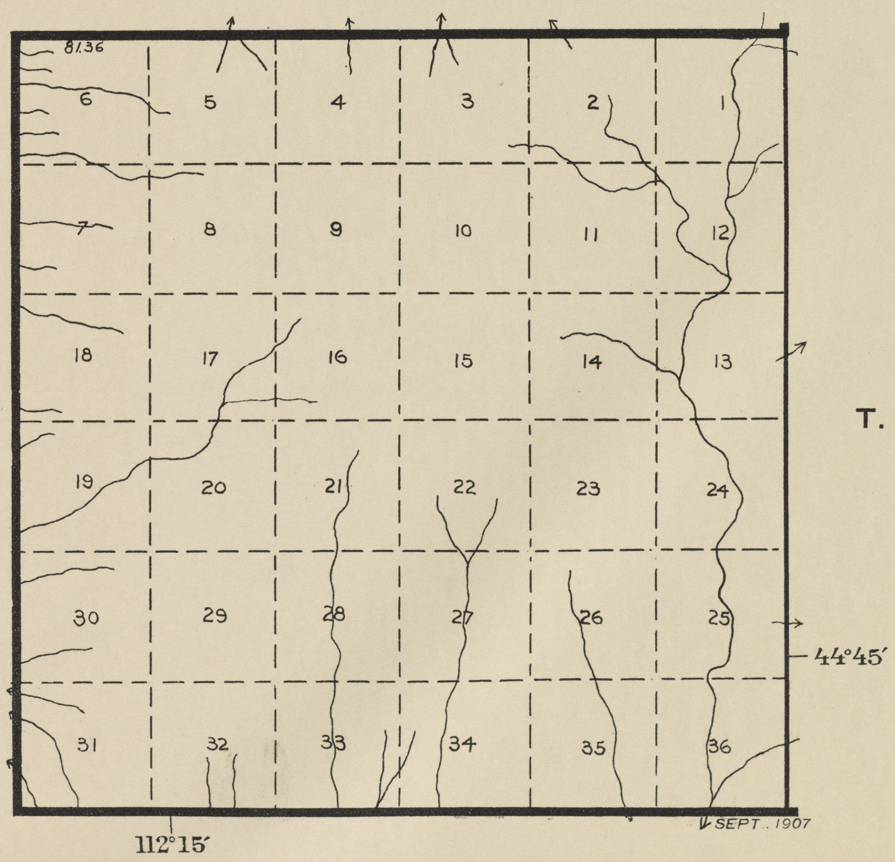
Additional Mining Claims in T. 3 S., R. 2 and 3 W. and T 4 S., R. 2 and 3 W. cannot be located owing to insufficient information.

SEPT. 1907

MADISON


T. 7 S.
T. 8 S.
T. 9 S.
Old Baldy
9672
Idaho Cr.
Wigwam Cr.
N. Fk. Greenhorn Cr.
Greenhorn Cr.
S. Fk.
Willow Cr.
9640
8000
7000
Warm Spring Cr.
N. Fork
Md. Fk.
Homepark
Stinking Water River
Warm Spring Creek
S. Fork
Snowcrest Mtn.
H
HP
DP
SEPT., 1907.
45°00′
112°00′
MADISON
R. 4 W.
R. 3 W.


Wigwam Cr.
Morgan Creek
7000
8000
Cherry Creek
Ruby Creek
Warm Spring Cr.
S. Fork Warm Spr. Cr.
Hyde Cr.
Nickerson Cr.
English George Cr.
MADISON RIVER
Principal Meridian
ditch
D.P.
T. 8 S.
T. 9 S.
45°00′
112°00′
SEPT., 1907
MADISON
R. 2 W.
R. 1 W.


81.36
6
5
4
3
2
1
7
8
9
10
11
12
18
17
16
15
14
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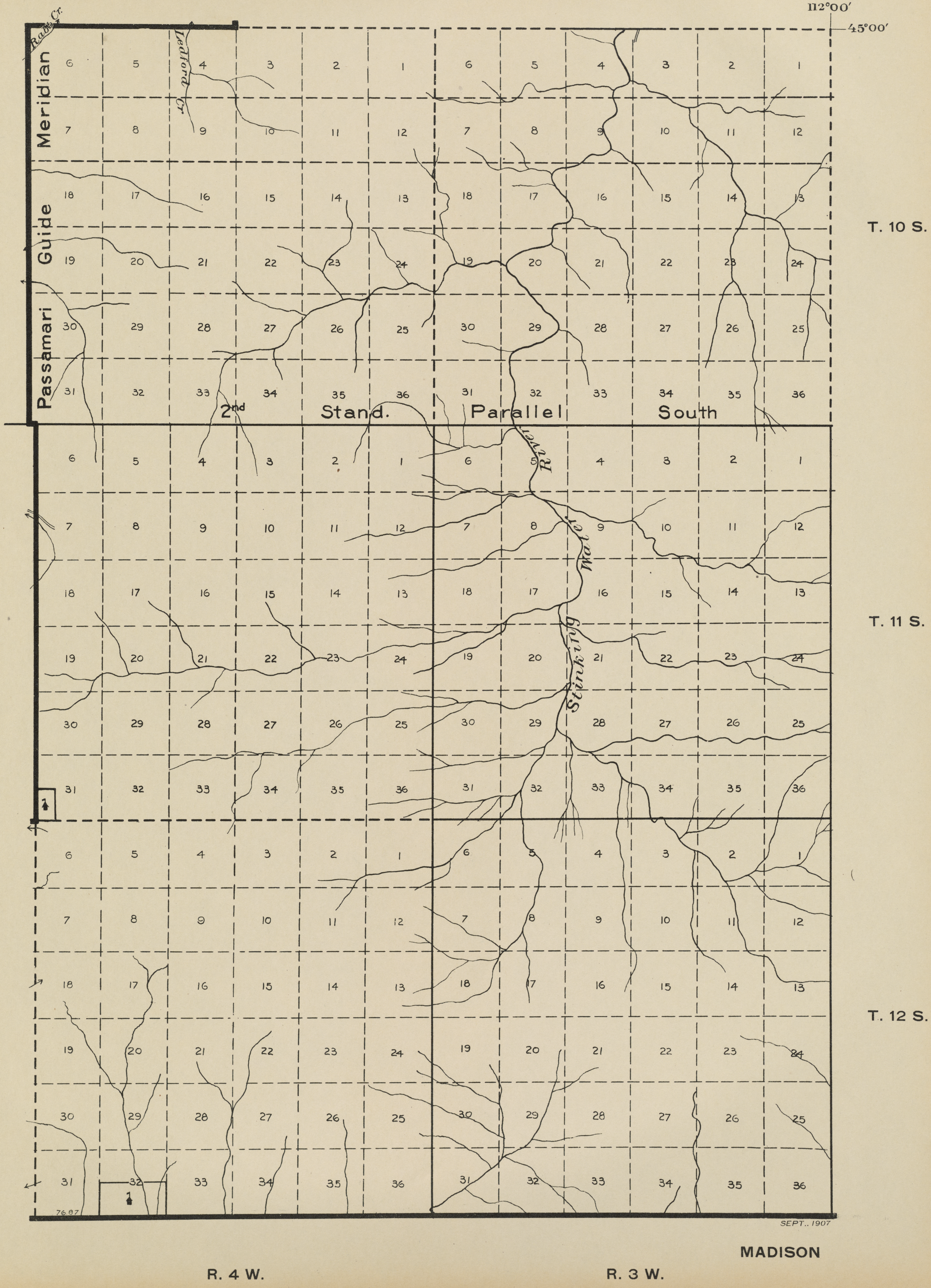
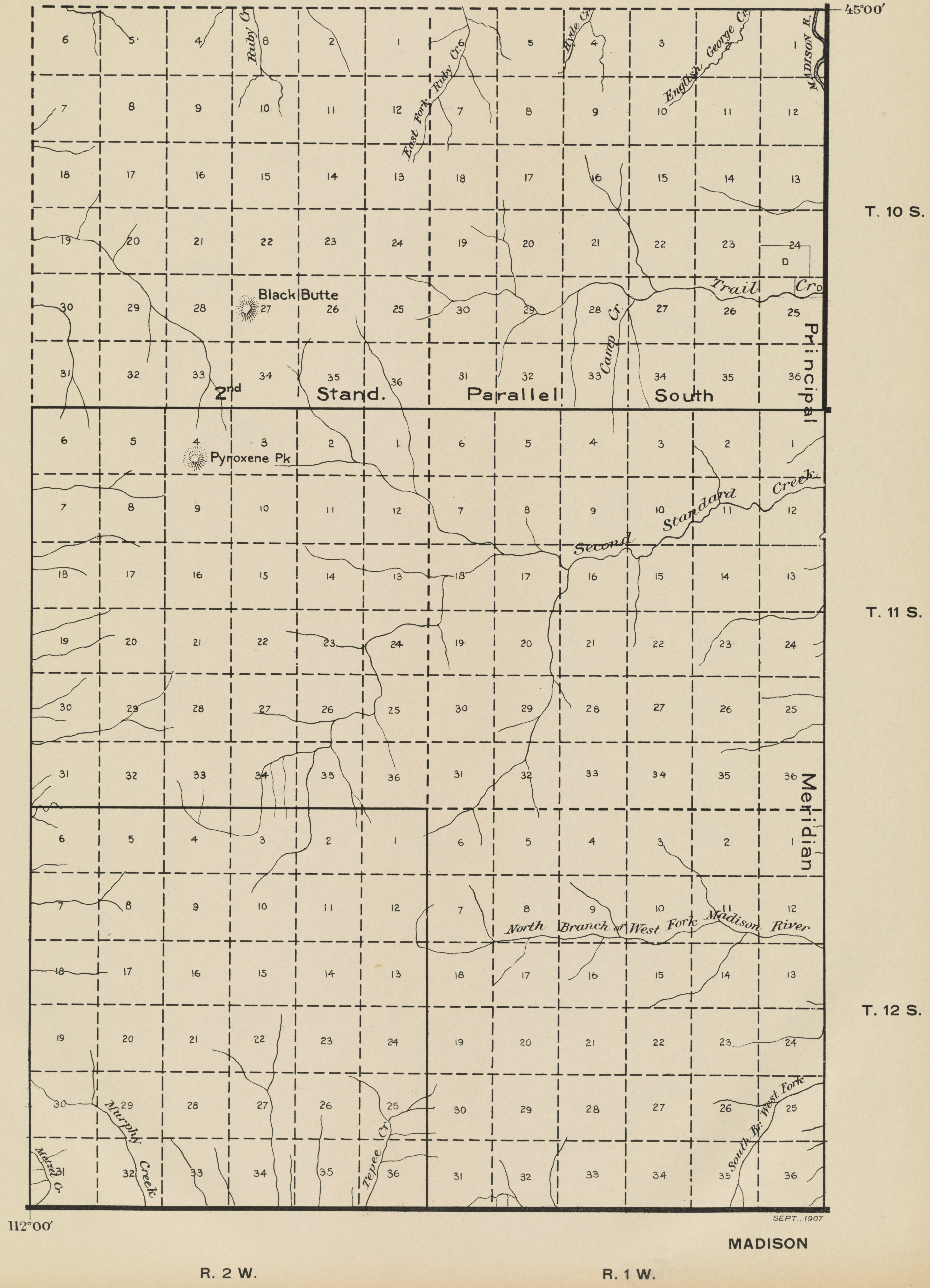
19
20
21
22
23
24
30
29
28
27
26
25
31
32
33
34
35
36
44°45'
112°15'
SEPT. 1907

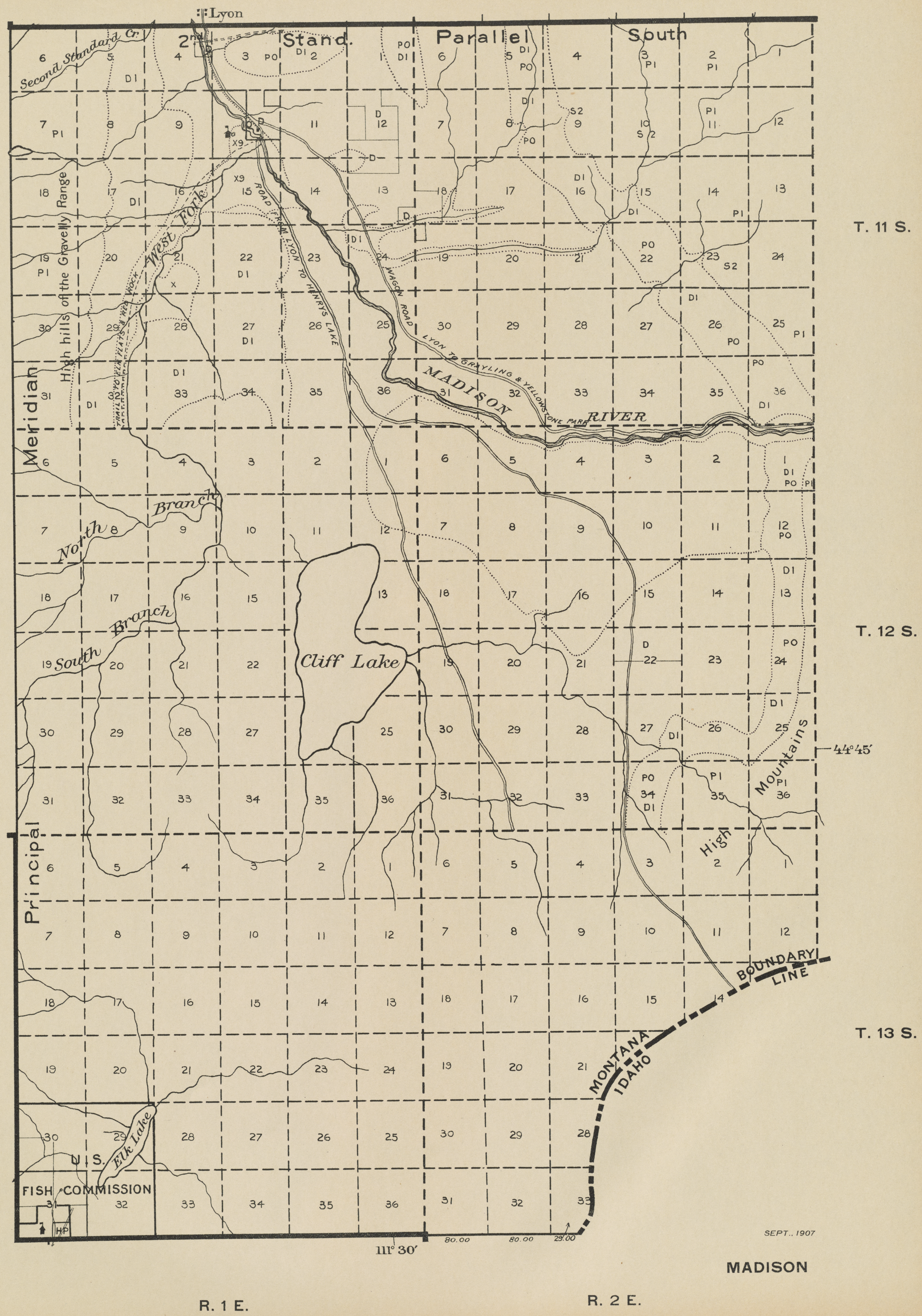
T. 12 S.

MADISON

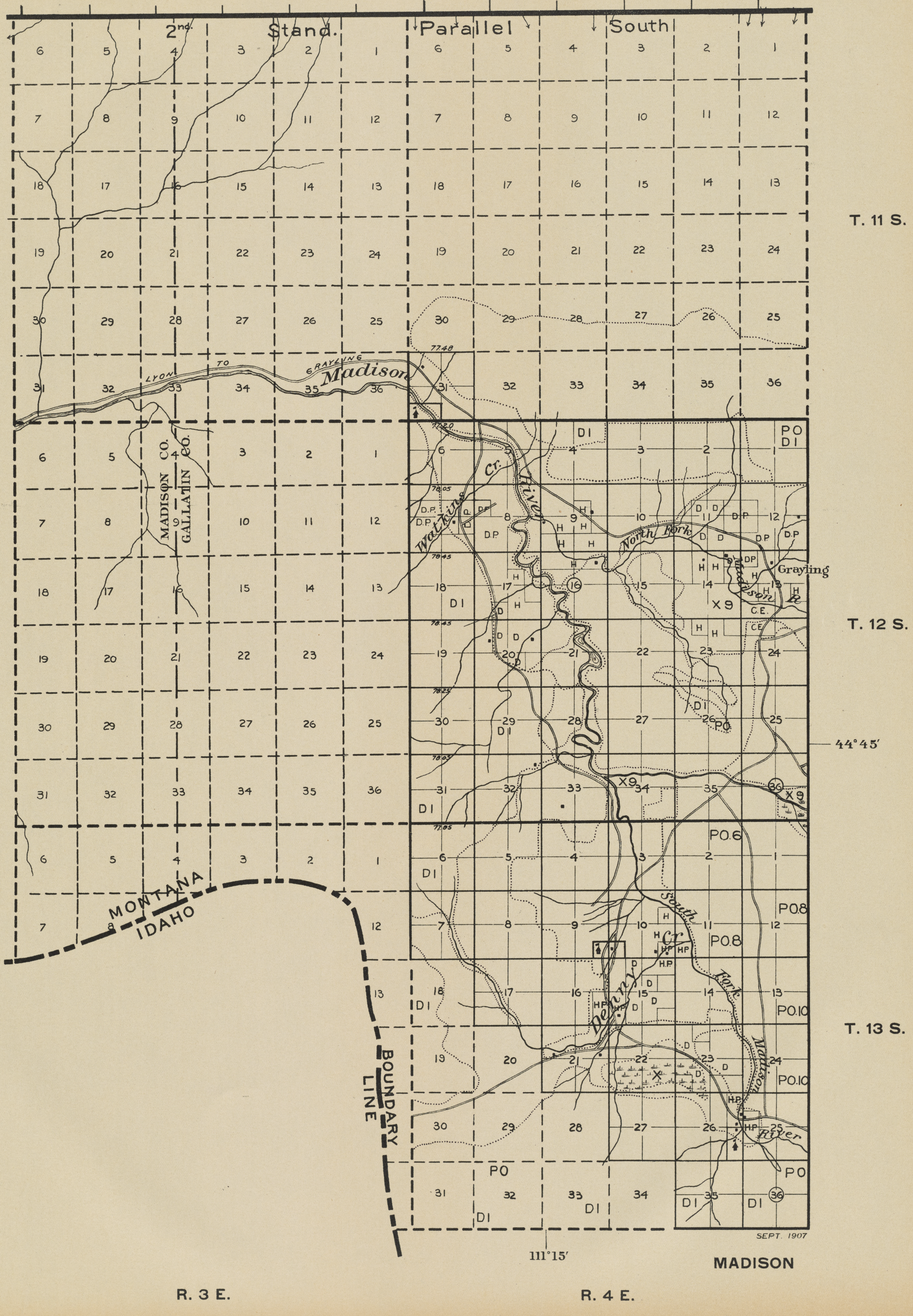
R. 5 W.

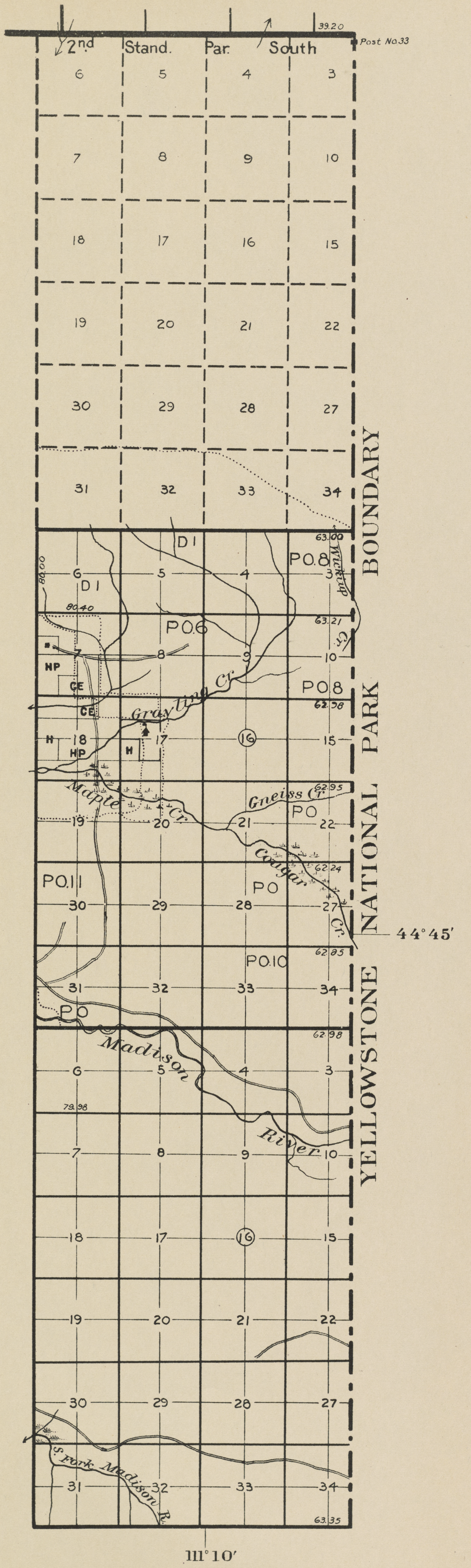

112°00′
45°00′
Rabs Cr.
Ledford Cr.
Passamari Guide Meridian
2nd Stand. Parallel South
Stinking Water River
T. 10 S.
T. 11 S.
T. 12 S.
R. 4 W.
R. 3 W.
MADISON
SEPT., 1907
7687


45°00′
Ruby Cr.
East Fork Ruby Cr.
Hyde Cr.
English George Cr.
MADISON R.
T. 10 S.
D
Trail Cr.
Black Butte
Camp Cr.
2nd Stand. Parallel South
Principal Meridian
Pyroxene Pk
Second Standard Creek
T. 11 S.
North Branch of West Fork Madison River
T. 12 S.
South Br. West Fork
Murphy Creek
Metzel Cr.
Tepee Cr.
112°00′
SEPT., 1907
MADISON
R. 2 W.
R. 1 W.


Lyon
2nd Stand. Parallel South
Second Standard Cr.
High hills of the Gravelly Range
Principal Meridian
West Fork
ROAD FROM LYON TO HENRYS LAKE
WAGON ROAD LYON TO GRAYLING & YELLOWSTONE PARK
MADISON RIVER
North Branch
South Branch
Cliff Lake
High Mountains
Elk Lake
U.S. FISH COMMISSION
HP
MONTANA
IDAHO
BOUNDARY LINE
T. 11 S.
T. 12 S.
T. 13 S.
44°45'
111° 30'
80.00
80.00
29.00
SEPT., 1907
R. 1 E.
R. 2 E.

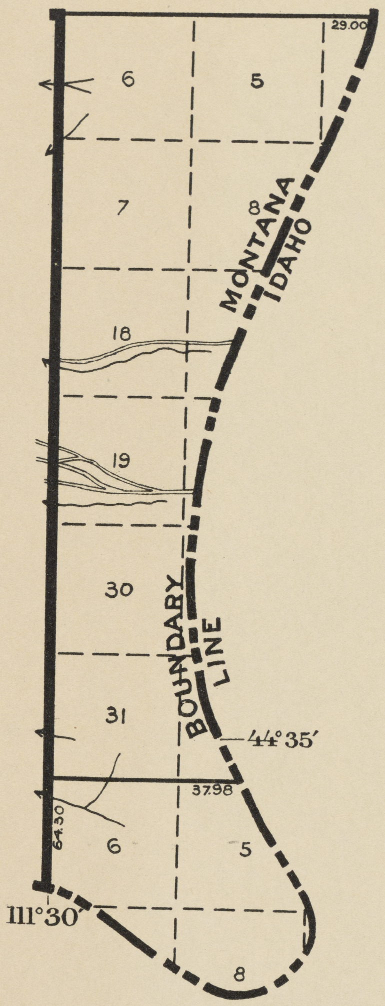
MADISON


2nd Stand. Parallel South
T. 11 S.
T. 12 S.
T. 13 S.
LYON TO GRAYLING
Madison
MADISON CO.
GALLATIN CO.
Watkins Cr.
River
North Fork
Madison R.
Grayling
44°45'
South Fork
Denny Cr.
Madison River
MONTANA
IDAHO
BOUNDARY LINE
SEPT. 1907
111°15'
MADISON
R. 3 E.
R. 4 E.


2nd Stand. Par. South
39.20
Post No.33
YELLOWSTONE NATIONAL PARK BOUNDARY
D1
PO.8
PO.6
PO.8
PO
PO
PO.11
PO.10
PO
HP
CE
CE
H
HP
H
16
16
Wickiup Cr.
Grayling Cr.
Maple Cr.
Gneiss Cr.
Cougar Cr.
Madison River
S. Fork Madison R.
63.00
80.00
80.40
63.21
62.98
62.95
62.24
62.85
62.98
79.98
63.35
44°45′
111°10′
T. 11 S.
T. 12 S.
T. 13 S.
R. 5 E.

SEPT., 1907

MADISON

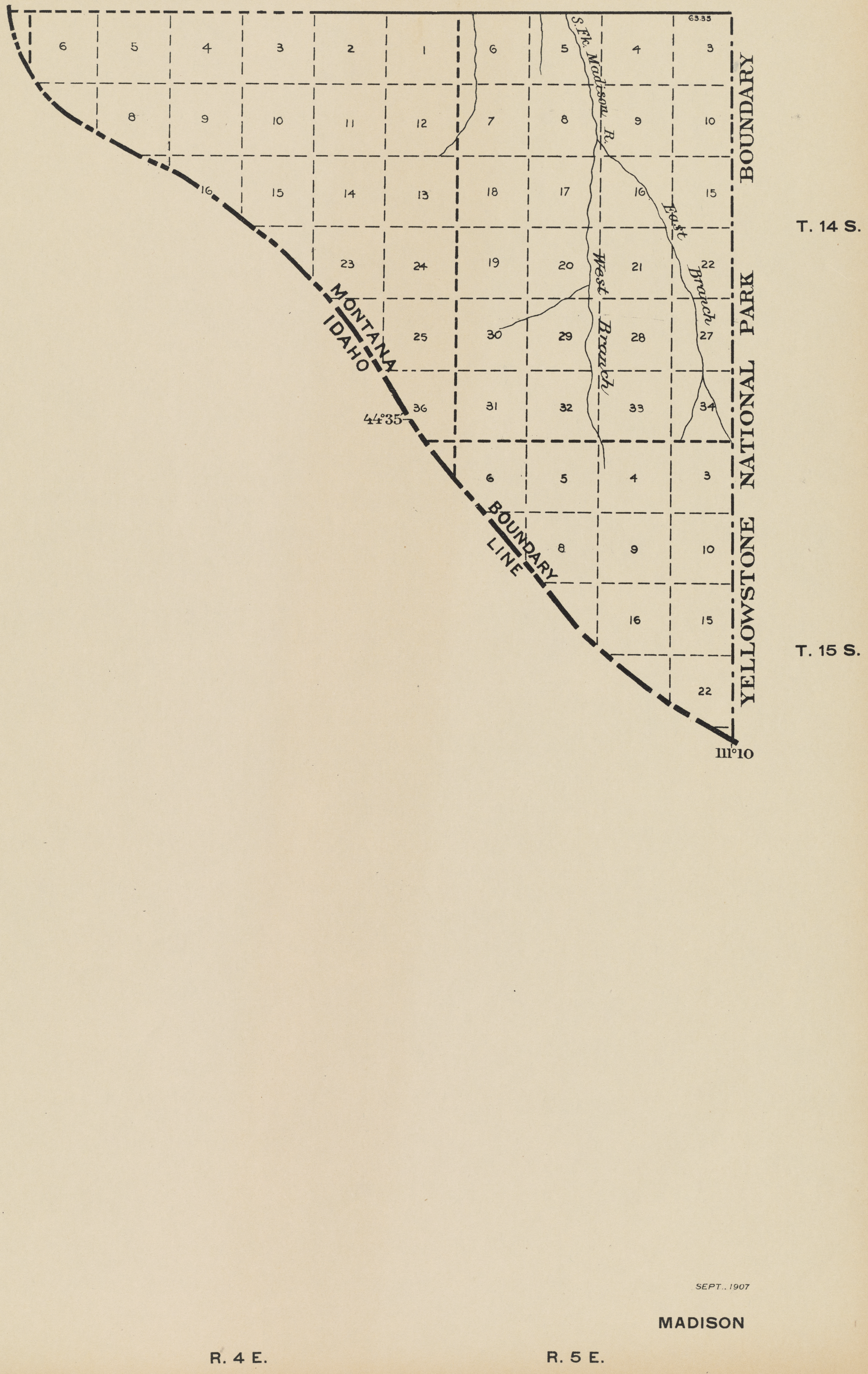

29.00
6
5
7
8
MONTANA
IDAHO
18
19
30
BOUNDARY
LINE
31
44° 35'
37.98
64.30
6
5
111°30'
8

T. 14 S.

SEPT., 1907

MADISON

R. 2 E.


6
5
4
3
2
1
6
5
4
3
6335
8
9
10
11
12
7
8
9
10
16
15
14
13
18
17
16
15
23
24
19
20
21
22
25
30
29
28
27
36
31
32
33
34
6
5
4
3
8
9
10
16
15
22
S. Fk. Madison R.
East Branch
West Branch
MONTANA
IDAHO
BOUNDARY LINE
44°35'
111°10
YELLOWSTONE NATIONAL PARK BOUNDARY
T. 14 S.
T. 15 S.
SEPT., 1907
MADISON
R. 4 E.
R. 5 E.